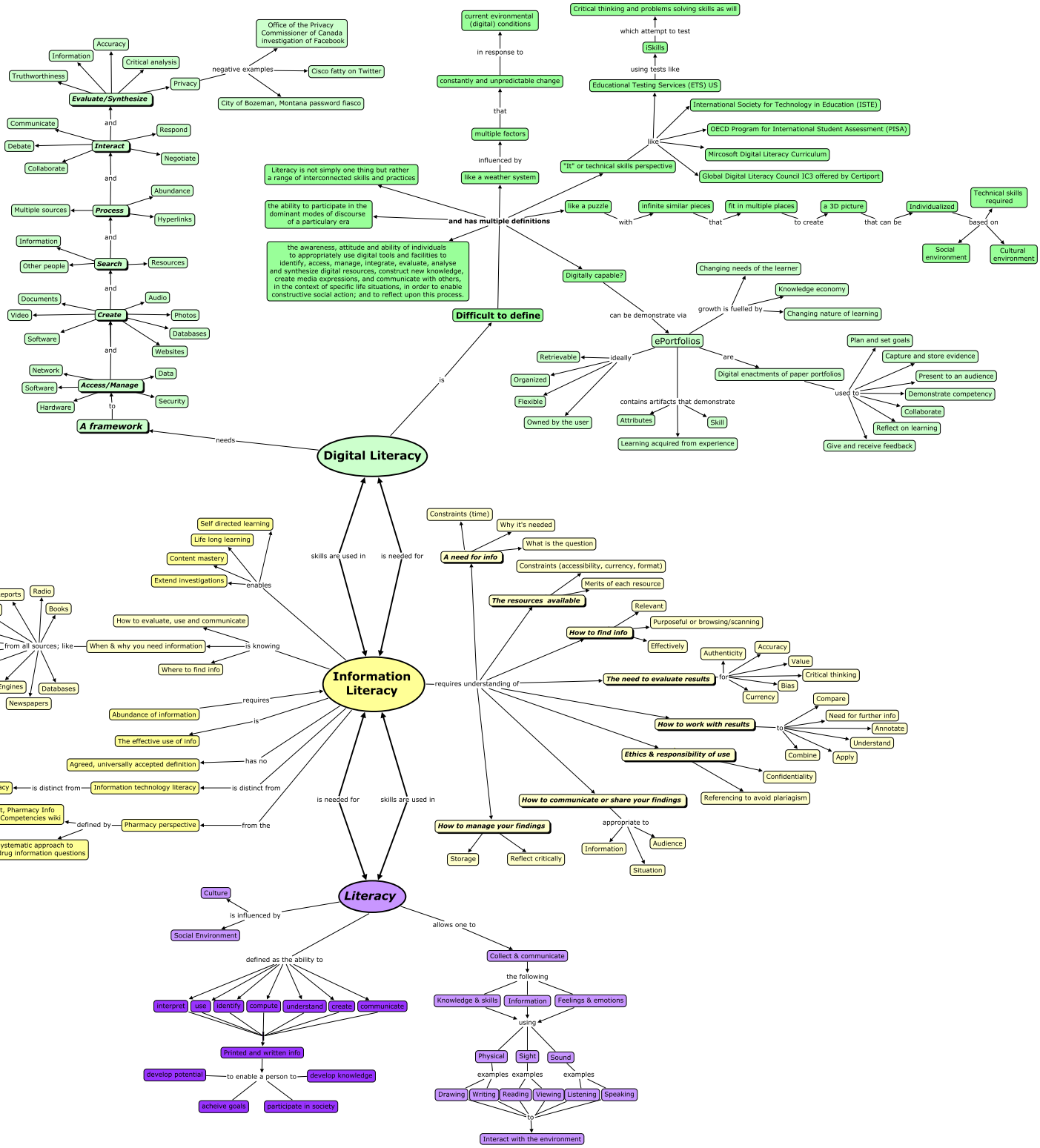
Digital Literacy
Difficult to define
and has multiple definitions
Literacy is not simply one thing but rather a range of interconnected skills and practices
the ability to participate in the dominant modes of discourse of a particulary era
the awareness, attitude and ability of individuals to appropriately use digital tools and facilities to identify, access, manage, integrate, evaluate, analyse and synthesize digital resources, construct new knowledge, create media expressions, and communicate with others, in the context of specific life situations, in order to enable constructive social action; and to reflect upon this process.
influenced by
multiple factors
that
constantly and unpredictable change
in response to
current evironmental (digital) conditions
like a weather system
"It" or technical skills perspective
like
International Society for Technology in Education (ISTE)
OECD Program for International Student Assessment (PISA)
Mircosoft Digital Literacy Curriculum
Global Digital Literacy Council IC3 offered by Certiport
Educational Testing Services (ETS) US
using tests like
iSkills
which attempt to test
Critical thinking and problems solving skills as will
like a puzzle
with
infinite similar pieces
that
fit in multiple places
to create
a 3D picture
that can be
Individualized
based on
Technical skills required
Social environment
Cultural environment
Digitally capable?
can be demonstrate via
ePortfolios
growth is fuelled by
Changing needs of the learner
Knowledge economy
Changing nature of learning
ideally
Retrievable
Organized
Flexible
Owned by the user
are
Digital enactments of paper portfolios
used to
Plan and set goals
Capture and store evidence
Present to an audience
Demonstrate competency
Collaborate
Reflect on learning
Give and receive feedback
contains artifacts that demonstrate
Attributes
Skill
Learning acquired from experience
is
needs
A framework
to
Evaluate/Synthesize
Accuracy
Information
Critical analysis
Truthworthiness
Privacy
negative examples
Office of the Privacy Commissioner of Canada investigation of Facebook
Cisco fatty on Twitter
City of Bozeman, Montana password fiasco
and
Interact
Communicate
Respond
Debate
Negotiate
Collaborate
Process
Abundance
Multiple sources
Hyperlinks
Search
Information
Other people
Resources
Create
Documents
Audio
Video
Photos
Software
Databases
Websites
Access/Manage
Network
Data
Software
Security
Hardware
Information Literacy
skills are used in
is needed for
enables
Self directed learning
Life long learning
Content mastery
Extend investigations
is knowing
How to evaluate, use and communicate
When & why you need information
Where to find info
from all sources; like
Reports
Radio
Magazines
Books
Film
TV
Journals
Other people
Search Engines
Databases
Newspapers
requires understanding of
A need for info
Constraints (time)
Why it's needed
What is the question
Constraints (accessibility, currency, format)
The resources available
Merits of each resource
How to find info
Relevant
Purposeful or browsing/scanning
Effectively
The need to evaluate results
for
Authenticity
Accuracy
Value
Critical thinking
Bias
Currency
How to work with results
to
Compare
Need for further info
Annotate
Understand
Combine
Apply
Ethics & responsibility of use
Confidentiality
Referencing to avoid plariagism
How to communicate or share your findings
appropriate to
Information
Audience
Situation
How to manage your findings
Storage
Reflect critically
requires
Abundance of information
is
The effective use of info
has no
Agreed, universally accepted definition
is distinct from
Information technology literacy
Computer literacy
from the
Pharmacy perspective
defined by
Mark Rabnett, Pharmacy Info Literacy Core Competencies wiki
Me, Systematic approach to answer drug information questions
Literacy
is needed for
skills are used in
is influenced by
Culture
Social Environment
allows one to
Collect & communicate
the following
Knowledge & skills
Information
Feelings & emotions
using
Physical
Sight
Sound
examples
Drawing
Writing
Reading
Viewing
Listening
Speaking
to
Interact with the environment
defined as the ability to
Interpret
use
identify
compute
understand
create
communicate
Printed and written info
develop potential
to enable a person to
develop knowledge
acheive goals
participate in society